

In re Patent Application of:
ROY
Serial No. 10/777,871
Filing Date: **February 12, 2004**

REMARKS

The Examiner is thanked for the thorough examination of the present application. The Examiner is also thanked for the courtesies extended during the telephonic interview of March 19, 2010, during which the current claim rejections were discussed. To further define over the prior art, independent Claims 1, 12, 18, 24, and 29 have been amended along the lines discussed during the telephonic interview. The patentability of the amended claims is discussed below.

I. The Claimed Invention

The present invention, as recited in amended independent Claim 1, for example, is directed to a communications system including a plurality of mobile wireless communications devices. Each of the plurality of mobile wireless communications devices includes a respective software client using at least one of a plurality of different operating protocols as configuration commands and instructions for accessing electronic mail (email) to send at least one access request. The communications system also includes a plurality of email data storage devices for storing email data files. Each email data file is associated with a respective mobile wireless communications device, and each email data file has a unique identification (UID) associated therewith. Each email data storage device also uses at least one of the plurality of different operating protocols.

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The communications system also includes a protocol interface device including a protocol converter module for communicating with the respective software client of each of the plurality of mobile wireless communications devices using respective operating protocols thereof. The protocol interface device also includes a protocol engine module for communicating with the plurality of email data storage devices using respective operating protocols thereof.

The protocol engine module is also for initiating polling of the email data storage devices for UUIDs of email data files stored thereon to maintain a UUID list, and for cooperating with the protocol converter module to provide the UUID list to the respective software client of each of the plurality of mobile wireless communications devices upon receiving access requests therefrom. The UUID list is provided by the protocol engine module independent of respective ones of the email data files. The protocol engine module also initiates polling for a given one of the plurality of mobile wireless communications devices without initiated configuration commands and instructions from the software client thereof, and irrespective of communications with the given mobile wireless communication device.

Amended independent Claims 12 and 18 are directed to related protocol interface devices. Moreover, amended independent Claim 24 is directed to a related method, and amended independent Claim 29 is directed to a related computer-readable

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medium. Independent Claims 12, 18, 24, and 29 have been amended similar to amended independent Claim 1.

II. The Claims Are Patentable

The Examiner rejected the independent claims over a combination of Hoglund et al. and Horstmann et al. Hoglund et al. is directed to a communications system for transmitting signals from a first communication device to a second communication device at a user specified real time and/or a polled transmission. More particularly, Hoglund et al. discloses a wireless messaging service that allows users to transmit and/or receive email and other messages on a real-time basis via an email account associated with the wireless communications device. Users can also check email messages stored within a separate POP or IMAP email account.

The Examiner correctly recognized that Hoglund et al. fails to disclose the protocol engine module also initiating polling for a given one of the plurality of mobile wireless communications devices without initiated configuration commands and instructions from the software client thereof, and irrespective of communications with the given mobile wireless communication device. The Examiner turned to Horstmann et al. for these critical deficiencies. Horstmann et al. is directed to a communications server that collects messages from two or more email sources and presents them to a user from a single location.

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The messages may be forwarded to a mobile device and formatted for that receiving device.

Independent Claims 1, 12, 18, 24, and 29 have been amended to recite the UID list being provided by the protocol engine module independent of respective ones of the email data files. Applicant submits that Hoglund et al. fails to disclose the protocol engine module being for cooperating with the protocol converter module to provide the UID list to the respective software client of each of the plurality of mobile wireless communications devices, wherein the UID list is provided by the protocol engine module independent of respective ones of the email data files, as recited in the amended independent claims.

Instead, Hoglund et al. discloses the lookup manager 620 downloading messages from the server 512 based upon a message ID to the proxy server 505. (See Hoglund et al., paragraphs 0090-0091). Once new messages have been downloaded, "the gateway server is notified to take action to transmit the message to the designated wireless device." (Emphasis Added; See Hoglund et al., paragraph 0093). In other words, Hoglund et al. discloses the messages being provided to the wireless devices. The messages are not independent of the message IDs. In stark contrast, as recited in the independent claims, the protocol engine module is for cooperating with the protocol converter module to provide the UID list to the respective software client of each of the plurality of mobile wireless communications

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devices, the UID list being provided by the protocol engine module independent of respective ones of the email data files. Nowhere in Hoglund et al. does it disclose providing the UID list to the respective software client of each of the plurality of mobile wireless communications devices independent of respective ones of the email data files. Accordingly, the amended independent claims are patentable.

The Examiner also contended that Horstmann et al. discloses "maintaining a UID list and determining new messages" and that somehow supplies the above-noted deficiencies of Hoglund et al. The Examiner referred to Col. 6, lines 32-45, to support his contention. Col. 6, lines 32-45, of Horstmann et al. fails to disclose providing the UID list to the respective software client of each of the plurality of mobile wireless communications devices independent of respective ones of the email data files. Instead, Col. 6, lines 32-45, of Horstmann et al. merely discloses determining whether or not a UID is already in a database. Accordingly, Horstmann et al. similarly fails to disclose providing the UID list to the respective software client of each of the plurality of mobile wireless communications devices independent of respective ones of the email data files, thus the independent claims are patentable.

Additionally, Applicant submits that the Examiner further mischaracterized Hoglund et al. as it fails to disclose the protocol engine module also initiating polling. The Examiner turned to Hoglund et al., paragraph 0096 to support his

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contention that Hoglund et al. discloses the protocol engine module also initiating polling. Hoglund et al., paragraph 0096, discloses that the user specify, via the registration system, that his messages are to be downloaded automatically on a predetermined basis. The user optionally sets the time at which he wishes his messages to be retrieved via the registration system 518. Indeed, it is the user that is initiating the polling. In contrast, independent Claims 1, 12, 18, 24, and 29 recite that the protocol engine module initiates polling for a given one of the plurality of mobile wireless communications devices.

Applicant submits that the Examiner's proposed combination of references is improper, as a person having ordinary skill in the art would not turn to Horstmann et al. to supply the critical deficiencies of Hoglund et al. Hoglund et al., discloses the particular wireless device must be registered with the system to retrieve email messages (i.e. polling). In other words, Hoglund et al. discloses the wireless devices having to be in communication with the system for message retrieval and the user initiating the polling. Hoglund et al. requires the wireless devices be in communication with the system for message retrieval and the user initiate the polling for volume handling and scalability. (See Hoglund et al., paragraph 0095).

Horstmann et al., discloses polling at an interval regardless of whether the user is currently logged into the communications server. Indeed, combining Horstmann et al. with

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Hoglund et al. would be disregarding the teachings of the Hoglund et al. scheduler 610, and would thus teach away from the volume handling and scalability teachings of Hoglund et al. Accordingly, the combination of Hoglund et al. and Horstmann et al. is improper.

It is submitted that amended independent Claims 1, 12, 18, 24, and 29 are therefore patentable over the prior art. Their respective dependent claims, which recite yet further distinguishing features, are also patentable over the prior art and require no further discussion herein.

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CONCLUSION

In view of the arguments and amendments presented above, it is submitted that all of the claims are patentable. Accordingly, a Notice of Allowance is respectfully requested in due course. Should any minor informalities need to be addressed, the Examiner is encouraged to contact the undersigned at the telephone number listed below.

Respectfully submitted,



DAVID S. CARUS
Reg. No. 59,291
Allen, Dyer, Doppelt, Milbrath
& Gilchrist, P.A.
255 S. Orange Avenue, Suite 1401
Post Office Box 3791
Orlando, Florida 32802
Phone: 407-841-2330
Attorney for Applicant